

Datasheet for ABIN7550637
PDCL3 Protein (AA 1-239) (His tag)



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Overview

Quantity:	1 mg
Target:	PDCL3
Protein Characteristics:	AA 1-239
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PDCL3 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat PDCL3 Protein expressed in mammalian cells.
Sequence:	<p>MQDPNADTEW NDILRKKGIL PPKESLKELE EEAEQQRIL QQSVVKTYED MTLEELEDHE DEFNEEDERA IEMYRRRLA EWKATKLKNK FGEVLEISGK DYVQEVTKAG EGLWVILHLY KQGIPLCALI NQHLSGLARK FPDVKFIKAI STTCIPNYPD RNLPTIFVYL EGDIAQFIG PLVFGGMNLT RDELEWKLSE SGAIMTDLEE NPKKPIEDVL LSSVRRSVLM KRDSSEGD</p> <p>Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary.</p> <p>In case you have a special request, please contact us.</p>
Characteristics:	<p>Key Benefits:</p> <ul style="list-style-type: none"> • Made to order protein - from design to production - by highly experienced protein experts. • Protein expressed in mammalian cells and purified in one-step affinity chromatography • The optimized expression system ensures reliability for intracellular, secreted and

Product Details

transmembrane proteins.

- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity: > 90 % as determined by Bis-Tris Page, Western Blot

Grade: custom-made

Target Details

Target: PDCL3

Alternative Name: PDCL3 ([PDCL3 Products](#))

Background: Phosducin-like protein 3 (HTPHLP) (PhPL3) (Viral IAP-associated factor 1) (VIAF-1),FUNCTION: Acts as a chaperone for the angiogenic VEGF receptor KDR/VEGFR2, increasing its abundance by inhibiting its ubiquitination and degradation (PubMed:23792958, PubMed:26059764). Inhibits the folding activity of the chaperonin-containing T-complex (CCT) which leads to inhibition of cytoskeletal actin folding (PubMed:17429077). Acts as a chaperone during heat shock alongside HSP90 and HSP40/70 chaperone complexes (By similarity). Modulates the activation of caspases during apoptosis (PubMed:15371430). {ECO:0000250|UniProtKB:Q4KLJ8, ECO:0000269|PubMed:15371430, ECO:0000269|PubMed:17429077, ECO:0000269|PubMed:23792958, ECO:0000269|PubMed:26059764}.

Molecular Weight: 27.6 kDa

UniProt: [Q9H2J4](#)

Application Details

Application Notes: In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a

Application Details

	guarantee though.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	The buffer composition is at the discretion of the manufacturer.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	12 months